Advances in Organic Geochemistry 1989
Org. Geochem. Vol. 16, Nos 4–6, pp. i–ii, 1990
Pergamon Press plc. Printed in Great Britain

AUTHOR INDEX

ABDERREZAG A. 969
AKES R. J. 689
ALAJBEG A. 339
ALBAIGES J. 815
ALEXANDER R. 161
AREFIEV O. A. 307

BAILEY N. J. L. 1157
BAKEL A. J. 353
BARBE A. 815
BARIC G. 339
BARTH T. 489
BASSELIER J. J. 969
BAUDIN F. 677
BAZHENOVA O. K. 307
BEHAR F. 969, 981
BELLOCQ J. 167
BELTRAME P. L. 75
BENALIOULHAJ S. 649
BENSLEY D. F. 689
BERKALOFF C. 889
BERNON M. 715
BERTRAND J. C. 1231
BERTRAND P. 451, 661
BJORNVIK A. M. 497
BORDENAVE M. L. 369
BORGUND A. E. 489
BOTNEVA T. A. 569
BOUCHER R. J. 951
BRAUN R. L. 27
BRITVIC V. 339
BROOKS P. W. 295, 461
BROSSE E. 715
BRUKNER-WEIN A. 219
BURKOVA V. N. 763
BURNHAM A. K. 27, 189
BURWOOD R. 325, 369, 1157

CANUEL E. A. 703
CARANGELO R. M. 1187
CARR A. D. 313
CARLSEN E. M. 389
CARNITI P. 75
CASADEVALL E. 873, 889
CASTELLI A. 75
CHEN JIANYU 561
CHIARAMONTE M. A. 75
CHRISTIANSEN F. G. 287
CONNAN J. 133, 889
CORNFORD C. 339
CORNET P. J. 325
COROLLEUR M. 889
CRELLING J. C. 689

DAKHNOVA M. V.1173
DAVIS A. 897
DEL BIANCO A. 75
DELVAUX D. 175, 1221
DERENNE S. 451, 873, 889
DESBENE P. L. 969
DESMAZIERES B. 969
DIEDEL R. 1145
DISNAR J. R. 577, 631
DOHMEN L. 267
DOMINE F. 155
DOW W. G. 1187
DRAPPIER J. M. 981
DUBESSY J. 601
DUPPENBECKER S. 259
DURAND B. 133
DYPVIK H. 103, 497

EGGEN S. 121, 389
EGLINTON G. 769, 951
EKWEOZOR C. M. 401
ENGEL M. H. 1139
ENGLAND W. A. 415
ENGUEHARD F. 155
ERIKSEN S. 497
ESPITALIE J. 121

FAN PU 427
FAN SHANFA 769
FU JIAMO 769
FAULON J. L. 981
FOWLER M. G. 295, 461
FREEMAN K. H. 1115
FRIXA A. 715

GARDINALI P. R. 211
GARRIGUES P. 167
GATELLIER J. P. 631
GERIN C. 1231
GLUMICIC T. 477
GOUTX M. 1231
GOWAR A. P. 769
van GRAAS 1025
GRAIZER E. M. 569
GRIMALT J. O. 815
GURIEVA S. M. 1173

HARDELAUF H. 115
HARRIMAN G. E. 1157
HARTLEY G. 1129
HARMS R. 115
HATCHER P.G. 959
HAYES J. M. 1115
HE BINGJUN 561
HELLEUR R. 1129
HEPPENHEIMER H. 1145
HERBIN J. P. 677
HERMANRUD C. 389
HETENYI M. 907
HE WEI 437, 1007
HIRAI A. 781
HIROTA K. 781
HO E. S. 229
HOHAM C. H. 1115
HORSFIELD B. 235, 259
HORSTAD I. 497
HUANG DIFAN 521
HUANG HAIPING 437
HUBERT J. F. 689
HUC A. Y. 661, 735

IRWIN H. 197

JACKMAN P. 1129
JACOBS L. 325
JACOBSEN T. 121, 389
JAFFE R. 211
JOHANSEN P. E. 497
JEHLICKA J. 865
JENISCH A. 917
JIA RONGFEN 769
JOHNS R. B. 1067
JORGENSEN E. 1039
JOUHANNEL R. 661
JOVANCICEVIC B. S. 477

KAGI R.I. 161
KAPLAN I. R. 1015
KEELY B. J. 1059
KENIG F. 735
KLOMP U. C. 49
KOHNEN M. E. L. 1103
KOTARBA M. 549
KOLACZKOWSKA E. 1033
KRANE J. 931
KRESSMANN S. 155
KRSMANOVIC V. D. 621
KRUGE M. A. 689

LAFARGUE E. 121
LAJAT M. 793
LAGGOUN-DEFARGE F. 715
LALLIER-VERGES E. 661
LANDAIS P. 601
LARGEAU C. 451, 873, 889
LARTER S. R. 103
de LEEUW J. W. 873, 1077, 1103
LEPLAT P. 175, 1221
LEYTHAEUSER D. 103, 247
LEWIS S. 1211
LIEBEZEIT G. 1179
LI JINCHAO 521
LI MAOWEN 1067
LI ZHENXI 427
LITTKE R. 235, 247, 943
LOREAU J. P. 715
LUGARDON B. 889
LU SONGNIAN 437, 1007

MACHIHARA T. 143, 805
MACKO S. A. 1129, 1139
MANGO F. D. 41
MARTIN H. 175, 1221
MARTINEZ L. 451, 661
MARZI R. 91
MARUCA R. E. 1033
MATIC V. 1203
MATSUMOTO G. I. 781
MAUK J. L. 229
MAXWELL J. R. 1059
MEI BOWEN 1067
MERCER J. N. 83
MERINEY P. E. 689
MEYER T. 197, 1039
MEYERS P. A. 229, 641
MICHAELIS W. 829, 917, 1051
MOLDOWAN J. M. 1033
MONIN J. C. 133, 167
MYHR M. B. 931

NECHAEVA O. L. 569

OGURA K. 805
OH C. H. 609
OH J. H. 609
OLSEN H. 287
OSTROM P. H. 1139
OUDIN J. L. 133, 167, 735
OUNG J. N. 1211

PALLESEN S. 389
PANG L. S. K. 853

PANKINA R. G. 1173
PARLANTI E. 167
PATIENCE R. L. 951
PAULET J. 175, 325, 1221
PEAKMAN T. M. 1103
PENG PINGAN 769
PERRIMAN W. S. 91
PETROV A. A. 1001
PFENDT P. A. 621
PHILP R. P. 353, 427, 1211
PIASECKI S. 287
PISAREVA S. I. 763
POLIC P. 621
POPP B. N. 1115
POTY B. 601
POUET Y. 451
PRADIER B. 451, 661
PROWSE W. G. 1059
PUEYO J. J. 815
PURSER B. H. 735
PUTNIKOVIC A. 339
PUTTMANN W. 511, 749, 1145

QIN KUANGZONG 995
QUICK J. C. 897

RADKE M. 235, 247
RAJKOVIC J. 339
RAMANAMPISOA L. 235
RATHBONE R. F. 897
RAYNAUD J. F. 889
RAZMYSHLYAEV 1173
REINDERS J. E. A. 61
RICHNOW H. H. 917, 959
RIEDIGER C. L. 295
RIIS M. 489
RIVA A. 715
ROBB L. J. 601
ROBCIS S. 167
ROMERO M. 981
ROUZAUD J. N. 609, 865
RUI LIN 897
RULLKOTTER J. 91, 235, 829
RUSSEL D. 1139
RUTH E. 1015

SABAN M. M. 477
SAJGO C. 219, 907
SALIOT A. 793
SANDVIK E. I. 83
SANTUCCI S. 715
SARACEVIC S. 477
SATO S. 143
SCHAEFER R. G. 115, 235, 247
SCHENK H. J. 115, 943
SCHIMMELMANN A. 793
SCHOU L. 931
SCHULZE T. 1051
SCHWARK L. 749
SCHWOCHAU K. 943
SHENG GUOYING 769
SHULOVA N. S. 569
SILFER J. A. 1139
SIMONEIT B. R. T. 641
SINNINGHE DAMSTE J. S. 873, 1077, 1103
SKJETNE T. 931
SLOUGUI N. E. 1033
SNOWDON L. R. 295
SOLOMON P. R. 1187
STAINFORTH J. G. 61
STANDEN G. 951
STEMMERIK L. 287
STROPPA F. 75
SUREAU J. F. 577
SVEL-CEROVECKI S. 339
SWEENEY J. 189
SYDNES L. K. 1039

TAKADA H. 805
TAKEDA N. 143
TALUKDAR S. 189
TEGELAAR E. W. 873
TELNAES N. 401
TODORIC A. 339
TOH E. 161
TREMBLAY P. 661
TRICART J. P. 661
TRICHET J. 609, 649

UNGERER P. 1

VALLEJOS C. 189
VANDENBROUCKE M. 677, 969, 981
VASSALLO A. M. 853
VENKATESAN M. I. 1015
VILLAR H. J. 511
VITOROVIC D. 621, 1203
VOROBYOVA N. S. 1001
VRVIC M. M. 1203
VUCETIC J. 1203

WAKEHAM S.G. 703
WATANUKI K. 781
WATT D. S. 1033
WHELAN J. 1187
WHITICAR M. J. 531
WIESNER M. G. 1179
WILHELMS A. 103
WILLIAMSON J. E. 313
WILSON M. A. 853
WITTE E. G. 943
WRIGHT P. A. 49
WU XIAOLIN 995
WYGRALA B. P. 267

XU JIAYOU 769

YALCIN M. N. 267
YING GUANGGUO 427
YU C. P. 1211

ZEMSKOVA Z. K. 1001
ZHANG DAJIANG 521

Advances in Organic Geochemistry 1989
Org. Geochem. Vol. 16, Nos 4–6, pp. iii–v, 1990
Pergamon Press plc. Printed in Great Britain

KEY WORD INDEX

Absolute concentrations 401
Abu Dhabi 735
Acid components 307
Activation energy 49, 175
Activation energy distribution 115
Aleksinac oil shale 621, 1203
Alginite 689, 943
Aliphatic biopolymers 829
Alkali extraction 853
Alkanes 769
Alkanes in coal 235
n-alkanes 247
n-alkanoic acids 641
Alkylnaphthalenes 511
Alkylated hopanes 1033
Alkylcyclohexanes 1051
Alkyl-substituted bicyclo (3.3.0) octanes 1039
Amino acids 1139
Amorphous kerogens 889
Analytical transalkylation 969
Ancient rocks 763
Antarctic soil 781
Anteisoalkanes 641
Antioxidants 763
Archaebacteria 1001
Aromatic biomarkers 1007
Aromatic hydrocarbons 247, 427, 749, 1145
Aromatized triterpenes 1067
Aromaticity 313, 995
Artificial maturation 1025
Aryl isoprenoids 749
Asphaltenes 307, 931, 917, 969
Asphaltenes types 969
Atmospheric methane 531
Atomic O/C and N/C ratio 621
Autocatalysis 259
Average structural unit weight 995

Bacillus circulans 1203
Bacteria 1115, 1231
Bacterial desilification 1203
Base metals 577
Basin modelling 1, 267, 369, 389
Benzohopanes 1007
Benzothiophenes 1077
Biodegradation 437, 497, 1001
Biogenic siliceous rocks 307
Bioleaching of silicates 1203
Biological markers 689
C40+ biological markers 1103
Biomarker concentrations 1025
Biomarker correlation 1157
Biomarkers 197, 295, 339, 401, 437, 461, 477, 641, 769, 805, 1039, 1115, 1211, 1231
Biomarker ratios (observed vs. calculated) 1033
Biopolymers 1179
Biphenyls 161
Bitumen 1221
Bitumen-1 103
Bitumen-2 103
Black shales 649
Brent 167
Brown coals 853, 1067
Bucomazi Formation 325

13C-NMR 931, 951, 959, 995
CP/MAS 13C NMR 601, 943
Canada 461
Carbohydrates 1129
Carbon 13 1115
Carbon dioxide 1115
Carbon isotopes 229, 325, 531, 549, 641, 1129, 1173
Carbonate 735
Carbonization 865
Carboxylic acids 211
Catagenesis 907
Catalysis 41
Chemical degradation 917
Chemical degradation methods 829
Chemical mapping 661
Chemical structures 981
Chinese hydrocarbon-basin 521
Chinese sediments 769
Chitin 1129
Chlorins 1059
Chromans 749
Clastic source-rock 103
Clay/carbonate sequence 715
Coal 247, 549, 897, 1051
Coal gases 549
Coalification 853, 959
Coalified wood 959
Coal petrology 235
Coal structure 917
Coaly shales 1067
Compaction 143
Complexation 577
Compositional changes 121
Compositional variation 415
Computer modelling 601
Condensates 561, 569
Conformational isomers 1033
Connecticut 689
Copper mineralization 229
Co-precipitated material 931
Crude oil 511, 1001
Crude oil correlations 1211
Cyclopropanoid acids 815

Data analysis 197
Dealkylated hopanes 1033
Depositional environment 287, 1067
Deuteration 1051
Devonian 197
Dezful Embayment 369
Diagenesis 219, 805, 1129
3,4-dialkylthiophenes 1103
Diasteranes 1025
Dibenzofuran 427
Dibenzothiophene 427
a,v-dicarboxylic acid 781
Dimethylphenanthrenes 167
Dinosaur 1139
Diplopterol 1015
Diterpane 561
Diterpenes 1067
Double bond isomerisation 1103
Drimanes 511

Early diagenesis 621, 1103
Early diagenetic reactions 1077
East Greenland 287
EDS-XR 451
Egersund sub-basin 389
El Nino 793
Endogenic gases 549
Enthalpy of formation 167
Ether linkage 155
Evaporitic environments 815
Experiment 61
Experimental simulation 121, 133, 143
Expulsion 27, 61, 143, 189
Expulsion efficiency 103, 121
Extant microalgae 889

Fatty acids 703, 781, 793
Fluorenes 161, 427
Fluorescence alteration 451, 897
Fluorescence photometry 897
Flux 531
Food webs 1139
Forecast 569
Formation waters 489
Free and bound lipids 793
Free radical mechanism 1
FTIR 451
FTIR spectroscopy 229

Gammacerane 1015
Gas 1187
Gas chromatography 287
Gas condensate origin 1173
Gas generation 133
Gas migration 549
Gas origin 549
Gas/oil ratios 259
Gasoline-range hydrocarbons 461
GC-MS analysis 461, 769, 969, 1007
GC-MS/MS 1211
Gel permeation chromatography 931
Generation and maturation of carboxylic acids 211
Genetic type 569
Geothermal histories 91
Geochemical trap 1145

This index is based on the key words supplied by the authors and was prepared by a computer search program

Global warming 531
Gloeocapsomorpha prisca 873
Goesan ore 609
Gold 577, 631
Graphite 609
Graphitization 865
Gullfaks 497
Guttenberg Oil Rock 873

Heavy oil 437
Heptane value 561
High pressure 155
High pressure cell 121
High temperature column 1103
Highly branched isoprenoids 815
Hils syncline 115
HPLC 1007
Hopanes 561, 815, 1025
Hopanes, 17 a and 17 b isomers 1033
Hopanes in coal 235
Hopanoic acid stereochemistry 211
Hopanol 1015
Humic acids 649
Humic substances 829
Huminite reflectance 219
Hydrocarbon 781
Hydrocarbon expulsion 83, 121
Hydrocarbon generation 49, 235
Hydrocarbon generation timing 267
Hydrocarbons in Kupferschiefer 749
Hydrocarbon potential 295
Hydrogenation 1051
Hydrogen isotope 531, 549
Hydrous pyrolysis 75, 91
Hydroxy acid 781
Hypersaline 735
Hypersaline lake 521

Iatroscan 1231
Immature oil 307, 521
Import efficiency 103
Indigeneity 1139
Infra-red spectroscopy 649, 829, 943, 1187
Inner Moray Firth 1157
Insolubilization 219
Iran 369
Irregular head to head isoprenoids 1001
17 and 17 isomers hopanes 1033
Isomerizations of steranes 521
Isotopes 339
Isotope fractionation 1129

Jeanne d'Arc Basin 461
Judith River Formation 1139
Jurassic 689

K/T boundary 641
Kerogen 229, 307, 313, 609, 661, 829, 981, 995, 1221
Kerogen and bitumen characterization 175
Kerogen kinetics 325
Kerogen pyrolysis 1, 27, 259
Kerogen type 715
Kimmeridge 167
Kimmeridge Clay 951
Kimmeridge Clay formation 115
Kinetic 631
Kinetic data 91
Kinetic model 1, 75, 259
Kinetic parameters 115
Kinetics 27, 41, 155, 161, 189
Korea 609
Kukersite 873
Kupferschiefer 749, 1145

Lactones 815
Lacustrine 287
Lacustrine depositional environment 689
Lacustrine organic matter 197
Labdanic acids 1067
Lake Biwa 805
Laminar kerogens 889
Lias 115
Liaodong Bay 561
Light hydrocarbons 41
Lipid classes 1231
Lipid compounds 805
Lipids 703
Long core 805
Lower Congo coastal basin 325
Lower Toarcian shale 91
Low maturity 437
Low-rank coals 219, 907, 959

Maceral composition 247, 313
Macrokinetic approach 115
Macromolecular organic matter 829
Madagascar 235
Maracaibo Basin 189, 211
Marginal oil 521
Mass balance 531
Mass spectra 1001
Mass spectrometry 1115
Maturation 1007, 1187
Maturation parameter 313
Maturity 197, 1039
Maturity assessment 1077
Maturity gradients 497
Maturity parameters 247, 511, 1025
Maturity sequence of crude oil 521
Mesopyrophaeophorbide a 1059
Messel shale 1059
Metallogeny 601
Metal-organic interactions 621
Methane 1187
Methylphenanthrenes 167
4-methylsteranes 461
Microfluorimetry 451
Microfractures 83
Microorganisms 1231
Middle East 677
Mid-chain dimethylalkadienes 1103
Migration 27, 247, 461, 489
Migration of petroleum 689
Mineral dissolution 489
Mineralogy 197
Model 61
Model compounds 155
Modeling of oil formation 715
3D Modelling 981
Modelling accuracy 389
Molecular mechanics (MM2) calculations 1033

Naphthalene 427
Naphthalenes in coal 235
Naphthobenzothiophene 427
Natural gas 531
n-d-f_a -M method 995
Nickel mesopyrophaeophorbide a 1059
Niger delta 401
Nitrogen compounds 353
Nitrogen isotopes 1129
Non-isothermal pyrolysis 943
Non-marine 769
Nonesuch Formation 229
North Sea 133, 497
Noto 715
Nth-order kinetics 175
Nuclear magnetic resonance 829, 853, 1059

"Off line" and flash pyrolyses 873
Oil 763, 1007
Oil and gas formation 1
Oil cracking 1
Oil composition 477
Oil degradation 155
Oil fluorescence 451
Oil fractions 451
Oil-gas field 477
Oil generation 133
Oil-oil correlation 369
Oil shales 175
Oil-source rock correlation 295
Oil to source correlation 1157
Oils 339, 353
Oleanane parameter 401
Optical microscopy 661
Ore deposition 631
Ore genesis 577
Organic acids 489
Organic carbon 609
Organic facies 1039
Organic markers 649

This index is based on the key words supplied by the authors and was prepared by a computer search program

Organic matter 133, 577, 601, 631, 865
Organic matter distribution 677
Organic petrology 451
Organic stable residue 649
Organic sulphur compounds 1077, 1103
Organofacies 325, 1157
Organonitrogen compounds 353
Organo-sedimentary facies 735
Original organisms 763
Origin and maturity 477
Orthomethylbiphenyls 161
Overthrusting 267
Oxic-anoxic interface 703
Oxidation 649
Oxygen 307
Oxygen quenching 897

Palaeobotany 1051
Palaeoreconstruction 401
Palaeosalinity 749
Paleoclimate 805
Paleoecology 1139
Paleoenvironmental reconstruction 1077
Paleoenvironments 677, 1115
Pannonian basin 339, 477
Paraffin index 561
Particle interceptor trap material 1015
Particulate matter 703
Petroleum formation 115
Petroleum generation 27, 41, 75, 143, 189
Petroleum mixing 497
Petroleum type prediction 259
Phase equilibria 27
Phase state 569
Phenanthrene 427
Phenanthrenes in coal 235
Phenolic compounds 873
Phosphoria formation 353
Phosphorites 649
Photochemistry 451, 897
Photometry 897
Phyllocladanes 219, 907, 1051
Phytanyl thiophenes 815
Phytoplancton 1231
Polymer 61
Porphyrins 1115
Posidonia shale 91, 115, 259
Post-depositional oxidation 1145
Prediction 981
Primary cracking 75
Primary migration 1, 83, 103, 121
Pristane/pristane 247
Proterozoic 229
PVT calculations 27
Py-GC 931, 951
Py-GC/MS 931
Pyrolysate carbon isotopes 1157
Pyrolysis 49, 61, 133, 143, 155, 175, 325, 943, 969, 1179, 1187, 1221

Quantitation 1211

Ragusa basin 715
Raman spectroscopy 601
Reaction kinetics 49
Recent sediments 763, 1179
Reduction 577, 631
Reservoir filling 497
Reservoir geochemistry 415, 497
Resins 917
Resistant outer walls 889
Rift basins 689
Ring D aromatized 8,14-secohopanoids 1007
Rock-Eval pyrolysis 609, 641, 907, 1221
Ruthenium tetroxide oxidation 951

S 287
Sabkha 735
Sakoa coalfield 235
Santa Barbara basin 793
Santa Monica basin 1015
Scanning electron microscopy 661
Scenedesmus sp. 889
Scotland 197
Sea level 735
Secohopanoids 511
Sediment 161, 805, 1007, 1015
Sedimentary environment 427
Sedimentary microstructure 661
Selective preservation 873, 889
SEM 451
Sensitivity analysis 389
Sequence 735
Sesquiterpane 561
Shale permeability 83
Shell-like concentric particles 609
Sicily 715
Silicates 1203
Siliceous bacteria 1203
Simulated thermal maturation 167
SiO2/Al2O3 ratio 621
Software 981
Soluble and volatile bitumens 907
Source-rocks 287, 325, 339, 369, 661
Source-rock characterization 1221
Source rock-oil correlation 369
Source-rock sedimentology 715
Stable isotope abundances 1139
Steady state 41
Steam drive recovery 437
Steranes 561, 781, 1025
Steranes in coal 235
Sterane isomerization 91
Stereoisomers 477
Sterols 703, 793, 815
Structural models 959
Structural modifications 943
Sulfate-reducing conditions 621
Sulphur isotope 1173

Temperature history 267
Tethys 677
Tertiary 521
Tetrahymanol 1015
Thermal cracking 75, 133
Thermal degradation 907
Thermionic specific detector 353
Thermochemical sulphate reduction 1145
Thermogenic gases 549
Thermogravimetry 1187
Thianes 1077
Thiolanes 1077
Thiophenes 873, 1077
Toarcian source-rocks 115, 677
TOC 287
Total extractable organic matter 103
Transmission electron microscopy 609, 865, 889
Triaromatic steroids 427
Triassic 715
Triassic/Jurassic source-rocks 295
Tricyclic terpanes 689, 1025
Triterpane 781
Triterpenol 1015
Ts/Tm ratio 1025
Type II organic matter 75

Upper Palaeozoic 287
Upper Proterozoic 865
Uranium 577, 601, 609
URSS 1173

Viking/Central Grabens 1157
Vitrinite 189, 943
Vitrinite reflectance 167, 313, 943
Volumetric calculations 389

Western Canada Basin 295

Yugoslavia 339, 477

This index is based on the key words supplied by the authors and was prepared by a computer search program